JC825 U.S. PTO
09/821877
03/30/01

| Class | Subclass | ISSUE CLASSIFICATION |
|---|---|---|
| | | |

PATENT NUMBER

JC3
857

# U.S. **UTILITY** Patent Application

| SCANNED | O.I.P.E. | PATENT DATE |
|---|---|---|
| | Q.A. | |

| APPLICATION NO. | CONT/PRIOR | CLASS | SUBCLASS | ART UNIT | EXAMINER |
|---|---|---|---|---|---|
| 09/821877 | | 435 | 5 | ~~1645~~ 1648 | Schwadron, Laurie 67707 |

APPLICANTS: Paul Coleman
Isa Mushahwar

TITLE: Hepatitis B virus surface antigen mutant and methods of detection thereof

PTO-2040
12/99

## ISSUING CLASSIFICATION

| ORIGINAL CLASS | ORIGINAL SUBCLASS | CROSS REFERENCE(S) CLASS | CROSS REFERENCE(S) SUBCLASS (ONE SUBCLASS PER BLOCK) |
|---|---|---|---|
| | | | |

INTERNATIONAL CLASSIFICATION

☐ Continued on Issue Slip inside File Jacket

| ☐ TERMINAL DISCLAIMER | DRAWINGS | | | CLAIMS ALLOWED | |
|---|---|---|---|---|---|
| | Sheets Drwg. | Figs. Drwg. | Print Fig. | Total Claims | Print Claim for O.G. |
| ☐ The term of this patent subsequent to _____ (date) has been disclaimed. | | | | NOTICE OF ALLOWANCE MAILED | |
| ☐ The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ | | | | ISSUE FEE | |
| | | | | Amount Due | Date Paid |
| ☐ The terminal ____months of this patent have been disclaimed. | | | | ISSUE BATCH NUMBER | |

(Assistant Examiner) (Date)

(Primary Examiner) (Date)

(Legal Instruments Examiner) (Date)

**WARNING:**
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

BEST AVAILABLE COPY